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Docket No.: M4065.0767/P767  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Barmak Mansoorian

Application No.: 09/359,056

Confirmation No.: 2286

Filed: July 21, 1999

Art Unit: 2615

For: HIGH RESOLUTION CMOS CIRCUIT  
USING A MATCHED IMPEDANCE  
OUTPUT TRANSMISSION LINE

Examiner: N. T. Tran

**AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated January 4, 2005 (Paper No. 12222004), finally rejecting claims 1-13, 15 and 16, please amend the above-identified U.S. patent application as follows:

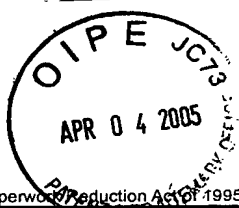
**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 2 of this paper.

04/06/2005 MBEYENE1 00000084 09359056

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PTO/SB/17 (12-04v2)  
Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>  <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>Complete if Known</b>		
		Application Number	09/359,056-Conf. #2286	
		Filing Date	July 21, 1999	
		First Named Inventor	Barmak Mansoorian	
		Examiner Name	N. T. Tran	
TOTAL AMOUNT OF PAYMENT (\$)		400.00	Art Unit	2615
			Attorney Docket No.	M4065.0767/P767

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☐ Deposit Account Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☐ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims      Extra Claims      Fee (\$)      Fee Paid (\$)  
14      - 20 =      x      =

Multiple Dependent Claims  
Fee (\$)      Fee Paid (\$)

Indep. Claims      Extra Claims      Fee (\$)      Fee Paid (\$)  
6      - 4 =      2      x      200.00      =      400.00

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets      Extra Sheets      Number of each additional 50 or fraction thereof      Fee (\$)      Fee Paid (\$)  
- 100 =      /50      (round up to a whole number) x      =

**4. OTHER FEE(S)**

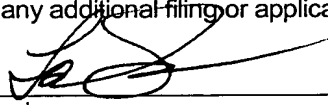
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	28,371	Telephone	(202) 828-2232
Name (Print/Type)	Thomas J. D'Amico	Date	April 4, 2005		



<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. M4065.0767/P767	
Application No. 09/359,056-Conf. #2286	Filing Date July 21, 1999	Examiner N. T. Tran	Art Unit 2615		
Applicant(s): Barmak Mansoorian					
Invention: HIGH RESOLUTION CMOS CIRCUIT USING A MATCHED IMPEDANCE OUTPUT TRANSMISSION LINE					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
<b>Total Claims</b>	14	- 20 =		x	
<b>Independent Claims</b>	6	- 4 =	2	x 200.00	400.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>400.00</b>
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____ A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1073</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 _____ Thomas J. D'Amico Attorney Reg. No.: 28,371				Dated: <u>April 4, 2005</u>	
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP 2101 L Street NW Washington, DC 20037-1526 (202) 828-2232					